

■ Specification

1/3" Sony Effio-E 960H Exview CCD Maximum 700TVL		
1/3" Sony Color CCD 600TVL		
1/3" Sony Color CCD 540TVL		
1/3" Sony Super HAD CCD 480TVL		
1/3" Sony Super HAD CCD 420TVL		
1/3" Sharp Color CCD 420TVL		
1/4" Sharp Color CCD 420TVL		
700TVL	PAL:976*582	NTSC:976*494
Pixels 600/540/480 TVL	PAL:752*582	NTSC:768*494
420TVL	PAL:500*582	NTSC:510*492
2.8mm		
Lens	3.6mm	
	6mm	
	8mm	
	LED	23 EA
IR Series Distance		20M
Vandalproof		IP65
Sync System		Internal Synchronization
Usable Illumination		0 Lux (Infrared Lamps Turn On)
S/N Ratio		≥48dB(AGC Off)
Gamma		0.45
Video Output		1.0Vp-p 75Ω
Scanning System	PAL:625 lines 50 Field/sec ,	
	NTSC:525 lines 60 Field/sec	
Electronic Shutter Time	Auto, PAL 1/50-100,000Sec ,	
	NTSC 1/60-1/100,000Sec	
Operation Temperature	-10℃ - +50℃ RH95% Max	
Storage Temperature	-20℃ - +60℃ RH95% Max	
White Balance		Auto
Power Supply		DC12V 300mA , Adapter DC12V 1A
Dimensions		Φ95*73mm
Net Weight		370g/pcs
Content		

User Manual

Vandalproof IR Dome Camera



OEM Color

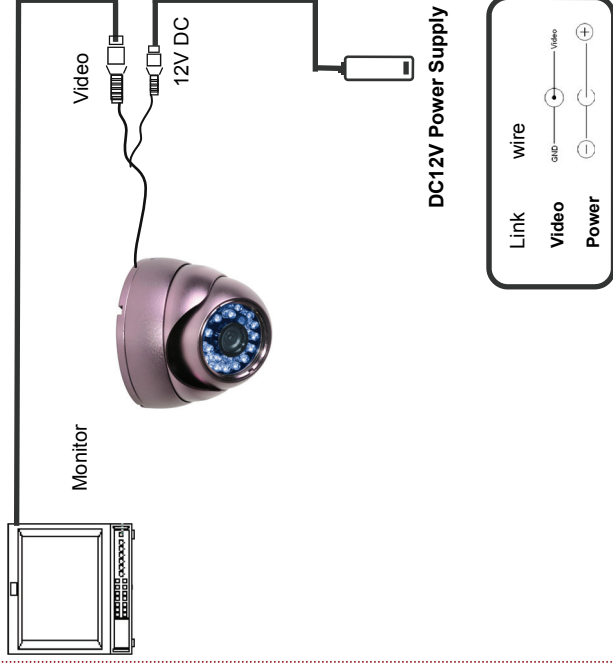


SilverWhiteGreyBlack

Notes : Before providing power for the camera, please read this User Guide in detail!

Do not attempt to disassemble the camera. If the camera can not work, please contact local franchiser or our company.

CONNECTING



Notes:

- The power supply must through safe attestation. Its output voltage, current, voltage polarity and operating temperature must match the camera's requirement.
- When using the camera in the thunderbolt condition, please note to mount Anti-thunder device or put off the power supply plug and cable.
- In order to capture high quality pictures, the power supply's cable and video output cable should not be too long.

PRODUCT IMAGE



INTRODUCTION

Congratulations on your purchase of this product. We adopt the latest SONY technical of sensor and driver. The most attractive characteristics are water-resistant, and widely applicable to day & night, indoor & outdoor. In addition, it owns the characters of high definition and stability, strong anti-jamming, rich and real color. Fixing and using this model are convenient too. It is very good for you to apply to your CCTV system.

Please read this instruction manual carefully to ensure proper use of the product.



To prevent fire or shock hazardous. Do not expose the unit into water too long time directly.



The symbol is intended to alert the user to the presence of important operating and maintenance (servicing) Instructions in the literature accompanying the appliance.



The symbol is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient Magnitude to constitute a risk of electric shock to persons.

	CAUTION: RISK OF ELECTRIC. DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER OR BACK NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
CAUTION: To prevent electric shocks and risk of fire hazards, do NOT use other than specified power source.		



Note:

- Please note the camera's operating temperature and its using environment requirement. Avoid using the camera at too high or too low temperatures. The operating temperature is -10℃-50℃. (Recommendatory operating temperature is -5℃--40℃.)
- Never make the camera face the sun or bright object. Otherwise, it will damage the CCD.
- Do not mount the camera near by the radiator or heater.

TROUBLE AND SOLUTION

- 1. No Picture after providing power**
 - May be the power supply voltage abnormality, please check the power supply voltage and pole whether exactitude.
 - Please check all the connecting cable and monitors whether be connected correctly or not.
- 2. The picture level direction have flowing interference ripples**
 - May be caused by the power supply AC ripples, it need filter the wave of the power supply.
 - Check the monitor and peripheral equipments used.
- 3. The picture background color changes continuously**
 - The fluorescent lamp's electromagnetic field cause color roll. This is proper phenomenon of the cameras.
 - Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps can improve it.
 - Use power supply external sync. camera can solve it.
- 4. The picture smear too mass**
 - The power supply's voltage unstable.
 - Connecting cables not connect correctly or have high impedance.